



U.S. ENVIRONMENTAL PROTECTION AGENCY
 Office of Pesticide Programs
 Antimicrobials Division (7510P)
 1200 Pennsylvania Ave., N.W.
 Washington, D.C. 20460

EPA Reg. Number:

464-8139

Date of Issuance:

10/18/17

NOTICE OF PESTICIDE:

Registration
 Reregistration
 (under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

Bioban BZ Antimicrobial

Name and Address of Registrant (include ZIP Code):

The Dow Company
 1501 Larkin Center Drive
 Midland, MI 48674

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Antimicrobials Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A). You must comply with the following conditions:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product under FIFRA when the Agency requires all registrants of similar products to submit such data.

Signature of Approving Official:

Zeno Bain, Acting Product Manager 33
 Regulatory Management Branch I
 Antimicrobials Division (7510P)
 Office of Pesticide Programs

Date:

10/18/17

2. Be aware that proposed data requirements have been identified in a Final Work Plan. For more information on these proposed data requirements, you may contact the Reevaluation Team Leader (Team 36): <http://www2.epa.gov/pesticide-contacts/contacts-office-pesticide-programs-antimicrobial-division>
3. Make the following label changes before you release the product for shipment:
 - Revise the EPA Registration Number to read, “EPA Reg. No. 464-8139.”
4. Submit one copy of the final printed label for the record before you release the product for shipment.

Should you wish to add/retain a reference to the company’s website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA’s Office of Enforcement and Compliance.

If you fail to satisfy these data requirements, EPA will consider appropriate regulatory action including, among other things, cancellation under FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. Please also note that the record for this product currently contains the following CSFs:

- Basic CSF dated March 3, 2017

If you have any questions, please contact Terria Northern by phone at 703-347-0265, or via email at northern.terria@epa.gov.

Enclosure: Approved label

BIOBAN™ BZ Antimicrobial

Date: March 4, 2017

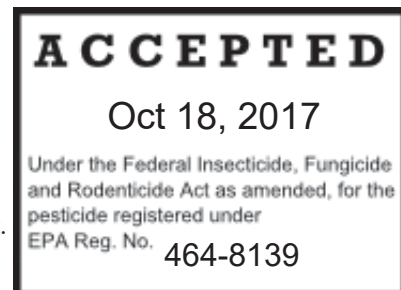
BIOBAN™ BZ Antimicrobial

[BRACKETS INDICATE PHRASES THAT WILL NOT APPEAR ON PRINTED LABEL]

Produced For – [When produced by a contract manufacture]

Dow Diamond
THE DOW CHEMICAL COMPANY
Midland, Michigan 48674
Phone: (989) 636-4400

™Trademark of The Dow Chemical Company (“Dow”) or an affiliated company of Dow.



ACTIVE INGREDIENTS:

Zinc 2-pyridinethiol-1-oxide 8.0%

1,2-Benzisothiazolin-3-one 12.0%

OTHER INGREDIENTS: 80.0%

Total: 100.0%

DANGER

KEEP OUT OF REACH OF CHILDREN

FIRST AID

IF IN EYES:

- Hold eye open and rinse slowly and gently with water for 15-20 minutes.
- Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye.
- Call a poison control center or doctor for treatment advice.

IF ON SKIN OR CLOTHING:

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15-20 minutes.
- Call a poison control center or doctor for treatment advice.

IF INHALED:

- Move person to fresh air.
- If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.
- Call a poison control center or doctor for treatment advice.

IF SWALLOWED:

- Call a poison control center or doctor immediately for treatment advice.
- Have person sip a glass of water if able to swallow.
- Do not induce vomiting unless told to do so by a poison control center or doctor.
- Do not give anything by mouth to an unconscious person.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For general information on product use, etc., call the National Pesticides Information Center at 1-800-858-7378. You may also contact the poison control center at 1-800-222-1222 for emergency medical treatment information.

IN CASE OF AN EMERGENCY endangering life or property involving this product, call collect 800-424-9300.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsions may be necessary.

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

DANGER

CORROSIVE

CAUSES IRREVERSIBLE EYE DAMAGE

HARMFUL IF SWALLOWED OR ABSORBED THROUGH SKIN

HARMFUL IF INHALED

Do not get in eyes or on clothing. Avoid contact with skin. Avoid breathing vapor or spray mist. Wear goggles or face shield. Wear chemical resistant gloves, long sleeved shirt, long pants, shoes and socks. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals.

ENVIRONMENTAL HAZARDS

This chemical is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

PHYSICAL AND CHEMICAL HAZARDS

Keep away from strong oxidizers.

STORAGE AND DISPOSAL

PESTICIDE STORAGE

Do not contaminate water, food or feed by storage or disposal. Mix thoroughly before use. Do not allow to freeze.

PESTICIDE DISPOSAL

Pesticide wastes may be hazardous. Improper disposal of excess pesticide or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL

Nonrefillable container. Do not reuse or refill this container. Triple rinse or pressure rinse container (or equivalent) promptly after emptying. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by procedures approved by state and local authorities.

NOTICE

Seller warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions. SELLER MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

Date of Manufacture: location for date
EPA Reg. No. 464-XXX
EPA Est. No. 707-CHE-001

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

This product is an effective in-container preservative in most aqueous compositions. The concentration required to give protection depends on several factors. These include the susceptibility of the system to bacterial and fungal degradation, the extent to which bacteria and fungi can gain access, the species involved, pH, temperature, and length of time for which protection is required.

Typical applications, and the suggested range of concentrations on which trials can be based are:

PAINT AND COATINGS

Not registered for this use in the State of California [- Optional]

For the control of bacteria and fungi in coating applications such as paints, coatings, roof coatings, and stains, add 0.01% to 0.4% of this product (based on total weight of the formulation).

LATEX EMULSIONS

Not registered for this use in the State of California [- Optional]

For the control of bacteria and fungi, add 0.01% to 0.4% of this product (based on total weight of the formulation).

PROCESS WASH SOLUTIONS

Not registered for this use in the State of California [- Optional]

For the control of bacteria and fungi, add 0.01% to 0.125% of this product (based on total weight of the solution).

ADHESIVES AND TACKIFIERS

Not registered for this use in the State of California [- Optional]

For the control of bacteria and fungi, add 0.01% to 0.4% of this product (based on total weight of the formulation).

BUILDING MATERIALS

Not registered for this use in the State of California [- Optional]

For the control of bacteria and fungi in applications such as joint compounds/spackling, caulks/sealants, roof coatings, grouts, mastics, sealers, and concrete admixtures add 0.01% to 0.4% of this product (based on total weight of the formulation).

AQUEOUS MINERAL SLURRIES AND PIGMENT DISPERSIONS

Not registered for this use in the State of California [- Optional]

For the control of bacteria and fungi, add 0.01% to 0.4% of this product (based on total weight of the formulation).

INKS AND FOUNTAIN SOLUTIONS

Not registered for this use in the State of California [- Optional]

For the control of bacteria and fungi, add 0.01% to 0.4% of this product (based on total weight of the formulation).

LIQUID HOUSEHOLD, INDUSTRIAL, JANITORIAL PRODUCTS

Not registered for this use in the State of California [- Optional]

For the control of bacteria and fungi in applications such as liquid floor cleaners, liquid laundry products, waxes, polishes, liquid fabric treatment/refreshers, car care products, deodorizer products, and other similar cleaners, add 0.01% to 0.250% of this product (based on total weight of the formulation). For non-food contact use only. This product may also be used for the control of bacteria and fungi in solutions that are put into/onto wet wipes for use in industrial, janitorial, and household uses cited above by adding 0.01% to 0.250% of this product (based on total weight of the formulation). Wet wipes containing a solution preserved with this product may not be used for personal care, such as in baby wipes, or for food contact.

This product weighs 9.18 lbs per gallon.